

IDEM Report

Water Pollution Control Board Meeting

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IDEM



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- **NPDES Permit Backlog Reduction**
 - 2005: 263 Administratively Extended Permits
 - 2010: 33 Backlogged Permits
 - Oldest Includes:
 - US Steel Midwest. Ready for Public Notice
 - Arcelor Mittal Burns Harbor. Under EPA review.
 - Hoosier Merom. Under EPA review.
 - Arcelor Mittal East. Drafting Wasteload Allocation.
 - Arcelor Mittal West. Drafting Wasteload Allocation.



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- **NPDES Permit Backlog Reduction (cont.)**
 - Of the 28 remaining administratively extended Permits:
 - 15 do not meet EPA's definition of administratively extended as they have are less than 180 days past the expiration date.
 - 15 have been public noticed and are close to being issued.
 - 10 submitted their renewal application late.



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- **Combined Sewer Overflows**
 - 107 Communities with Combined Sewers.
 - 85 Communities have IDEM –approved LTCPs.
 - 22 Communities remain to have their LTCPs approved. Of those, 16 are in an enforceable mechanism to get their LTCPs developed and implemented and 6 are in negotiations with EPA and IDEM for the development and implementation of their LTCPs.
 - 25 Communities have completed the implementation of CSO controls.
 - Some communities are entering discussions about the UAA process.



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- **NPDES Compliance**
 - Continued focus on semi-public facilities.
 - Workgroup dedicated to electronic submission of required data (DMRs).
 - EPA focus on communities with SSO problems.
 - Medium sized communities (10-50 mgd facilities)
 - Under enforceable order to eliminate SSOs.
 - EPA-State Enforcement and Permitting Joint Work Planning.
 - Requires identification of agency priorities
 - Outlines where state and EPA can coordinate
 - Focus on solving water quality problems



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- **Watershed Assessment and Planning**
 - Finalizing Integrated Report and Impaired Waters List
 - Conducting Probabilistic sampling in two basins
 - Preparing Annual 319 Funding Report for EPA



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- **Blue Green Algae Initiative**
 - Increasing Public Awareness.
 - Concerns from citizens around Geist Reservoir in 2007.
 - Senator Gard urged agencies to investigate.
 - Partnership among ISDH, IDNR, IUPUI Center for Earth and the Environmental Science to collect and report information.



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- **Blue-Green Algae Initiative (Cont.)**
 - 2009 EQSC report recommended expanded sampling of lakes.
 - State Blue-Green Algae Initiative:
 - IDEM to build in-house capacity to analyze the algae.
 - IDEM to expand sampling in first year to five DNR managed lakes.
 - ISDH/IDEM developed a communication protocol featuring:
 - Updated website
 - ISDH hotline
 - ISDH press releases when necessary.



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- **Blue-Green Algae Initiative (Cont.)**
 - Long term goals:
 - Evaluate the costs and resources necessary for dramatically expanded sampling.
 - Use the information as an indicator to help provide information to the public and protect Hoosiers and the Environment.
 - Collect information that will help assess water quality.
 - Incorporation of cyanobacteria and microcystin into IDEM's Water Quality Monitoring Strategy.
 - Develop in-house technical capacity.
 - Strengthen state agency partnerships.



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- **Antidegradation**

- Legislative changes mandated by House Enrolled Act 1162 have been incorporated.
- Stakeholder workgroups held over two years.
- Four public meetings held around the state.
- Rule 'Second Noticed' in Indiana Register.
- Many comments received.



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- **Antidegradation Next Steps**
 - IDEM considering rule revisions.
 - Draft rule will be presented to Water Pollution Control Board for preliminary adoption.
 - Third Notice likely.
 - EPA must approve finalized rule.



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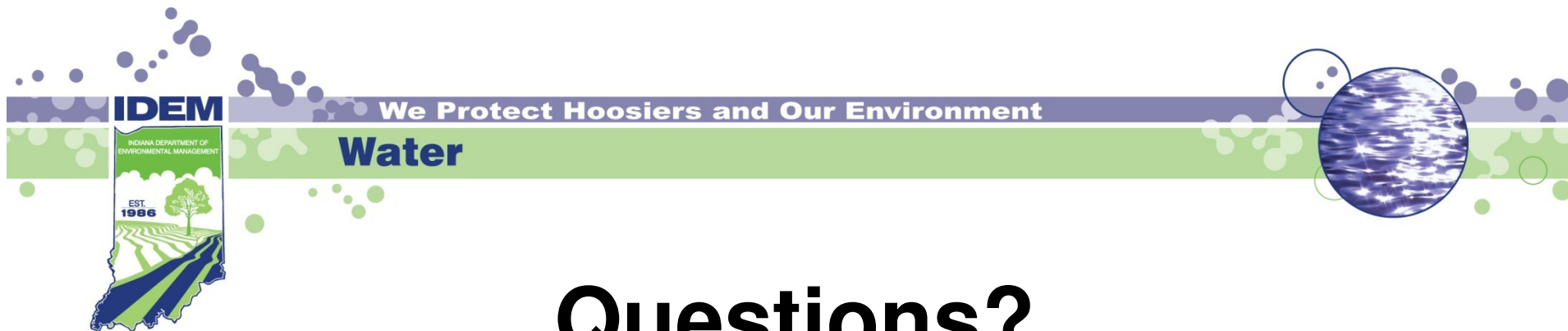
- **Nutrient Rulemaking**
 - Purpose
 - Criteria for three categories of lakes:
 - Natural lakes
 - Reservoirs
 - Mine Pits
 - Proposed criteria would be total Phosphorus concentration
 - Rule first noticed Indiana Register on June 30, 2010
 - Comment period ended July 30, 2010
 - Preparation of technical document for USEPA explaining scientific basis for criteria development.
 - Workgroup will be formed to discuss and formulate specific rule language and IDEM will conduct public education and outreach.



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- **General Permits**

- EPA concerns about General Permits by rule.
- IDEM to convert permits to administratively issued General Permits.
 - Issued by Agency
 - Reissued every five years
 - Would not require rule to establish new general permit categories.
- These changes would require:
 - Statutory changes
 - Rule changes.
- IDEM's approach would be to phase in the administrative issuance of general permits one category at a time.



Questions?

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